10184 - 10216

NOTEBOOK

682

15¢

A PRODUCT OF Westab DAYTON 2, OHIO

$5.00 REWARD

for return to

Arthur Cronquist

New York Botanical

Garden

Bronx, New York 10458

in 1641

10184 - May 26, 1965
Millard Co., Utah.
In crevices and pockets
of soil on sloping lime-
stone rocks overlooking
Provo Lake from the
east, about 3 miles
southeast of Garrison.
Twp. 22 S., R. 9 W.
Elevation about 5300
feet. Flowers yellow

Oenothera lavandulifolia T. & G.
var. glandulosa Munz

U. 586

oenothera (4) ✓ 1

10185 - May 26, 1965
Same place as 10184.
Leaves glaucous.
Petals slender, purple.

Streptanthus cordatus
Nutt.

Stipeplanthus (3) ✓

10186 - May 26, 1965
Same place as 10184.
Flowers pale lavender
in aspect, the keel darkest,
the wings nearly white.

Astragalus calycosus Torr.
var. calycosus
det. R. C. Barneby

Astragalus (2) ✓

10187 May 26, 1965
Same place as 10184.
Leaves slightly glaucous.
Flowers yellow.

Lomatium sp. aff.
L. scabrum (C. & R.) Mathias,
but fruits too small.

Yellow carpet (4)

10188 - May 27, 1965

Kane Co., Utah, on sloping, northeast-facing sandstone rocks along Johnson Creek, 2 miles south of Alton. Piñon-juniper zone, Twp. 41S, R. 5W, S. 13. Elevation about 5900 feet. Broad, low shrubs less than 1 m. tall. Bark reddish-brown, flowers pinkish.

Arctostaphylos patula Greene

Arctostaphylos (19)

10189 - Kane Co., Utah
May 27, 1965
Loose, very sandy, reddish soil on slope overlooking Johnson Creek from the east, ~~22½ miles NW~~ in juniper - sagebrush zone about 22 or 23 miles south of Alton. Twp. 41 S, R. 5 W., S-36. Elevation about 5600 feet. Plants practically inedorous. Basal leaves sometimes spreading to form a rosette, sometimes more ascending. Flowers lavender.
Gilia inconspicua (Smith) Sweet, sens. lat.
Gilia (2) ✓ ✓

10190 Kane Co., Utah,
Same place as 10189. May 27, 1965

Chorizanthe thurberi
(Gray) S. Wats.

Chorizanthe (1) ✓

10191 - May 27, 1965
Same place as 10189.
Corolla white
limb and yellow
fornices.
Nutlets smooth,
sharp-edged, the
margins not in contact.

Cryptantha jamesii
(Torr.) Payson
var. multicaulis (Torr.)
Payson

Cryptantha jamesii (13)

10192 - May 27, 1965
Same places as 10189.
Corolla minute, white.
Root notably reddish.
Rosettes all alike,
smooth, slender,
1 mm. long.

Cryptantha micrantha
(Torr.) Johnst.

red rooted type (5)

10193 - May 27, 1965

Same place as 10189

Flowers white.

Three nutlets with winged, cleft margins, the fourth wingless.

Cryptantha pterocarya
(Torr.) Greene
var. pterocarya

annual Cryptd. (4) ✓

10194 - May 27, 1965
Same place as 10189.
Plants extensively
creeping below-ground.
Flowers bright
lavender-purple.

Lathyrus zionis C.L. Hitchc.

Lathyrus 12 ✓

16115 - May 27, 1965

Kane Co., Utah. Road-
side weed in the desert
47 miles east of Kanab,
11 miles west of Glen
Canyon City, Twp. 43S.,
R. 1E., S. 6. Elevation
about 4500 feet. Plants
common along the highway
for a few miles in each
direction from this point.
Rays about 13, wholly
yellow. Disk dark red.
Gaillardia pinnatifida
Torr.

Gaillardia

10196 - May 27, 1945.
Same place as 10189
Rays pinkish, mostly
about 21, sometimes
as few as 15.

Townsendia incana Nutt.

Townsendia 31 ✓

10197 - May 27, 1965
Kane Co., Utah. Sloping
gravelly knoll overlying
clayey Carmel clay,
along the Paria River
in the desert 8
road miles northeast of
highway 89A, that
junction being 47 miles
east of Kanab. Twp. 42 S.,
R. 1W., S. 4. Elevation
about 4500 feet. Flowers
lavender, petals acuminate dor-
sally sulcate, the dorsal
suture rather deeply intruded,
forming an imperfect partition.
Astragalus nuttallianus DC.
var. micranthiformis Barneby
det. R.C. Barneby
Astragalus
(14) ✓

10198 - May 27, 1965
Same plant as 10197.
Flowers white, turning
pinkish in age.

Oenothera
Chamaenerioides A. Gray

n.l. Oenothera (16) ✓

10199 – May 27, 1965

Same place as 10189.

Plants sprawling
below - ground. Leaves
lavender,

Astragalus ceramicus
Gray
var. ceramicus
det R. C. Barneby

Astragalus Cer.
Astragalus Cer. (2) ✓

10203 - May 28, 1945.
Kane Co., Utah. Bottoms along the Paria "River" in the desert 8 road miles northwest of highway 89A, last junction being 47 miles east of Kanab. Twp 42 S. R. 1 W., S. 4, Elevation about 4500 feet. Coarse shrubs 3 or 4 m. tall. Flowers varying from deep pink to practically white.

Tamarix gallica L.

Tamarix (11) ✓

10291 May 28, 1965

Kane Co., Utah. Spring, gravelly bench overlying a very barren clay, along the "Paria River," 8 road miles northwest of highway 89A, that junction being 47 miles east of Kanab. T. 41 S., R. 1 W., S. 4. Elevation about 4500 feet. Flowers lavender-purple, the tube yellowish at the base. Seeds a few, not more than 20, about 1 mm long.

Phacelia pulchella Gray
var. sabulonum J. T. Howell

Phacelia (18) ✓

10202 - May 28, 1965.
Same plants as 10201.
Flowers white, wilting and turning pink in the morning sun.

Oenothera caespitosa Nutt.
var. marginata (Nutt.) Munz

Gaura coccinea (13) ✓

10203 - May 28, 1965.
Lampocarpus 10201.
Flowers light blue.

Lappula redowskii
(Hornem.) Greene
var. cupulata (Gray)
Jones

2009
Fagaceae (6) ✓

10204 - May 28, 1965. Kane Co., Utah. Alkaline clay flats along the Paria "River", 8 road miles northeast of highway 89A, that junction being 47 miles east of Kanab. Twp. 42 S., R. 1W., S. 4. Elevation about 4500 ft. Flowers bright yellow, pods loosely spreading to pendulous. Plants malodorous.

Cleome lutea Hook.

Cleome lutea (8) ✓

10205 - May 28, 1965
Kane Co., Utah
Barren, gravelly clay
slopes along the Paria
"River", in the desert
about three miles
northwest of highway
89, this junction being
47 miles east of Kanab.
Twp. 42S, R 1W., S. 4. Eleva-
tion about 4500 feet.
Petals yellow, with tiny
reddish-brown dots,
Growing with # 10206, Oe.
Oastundiae, but evidently
distinct, the plants averag-
ing much smaller as well as
having smaller flowers.
Oenothera scapoidea T. & G.
var. scapoidea
Smaller yellow petaled (5)

10206 - May 28, 1945.
Kane Co., Utah. Same place as 10205. Petals yellow, finely marked with reddish brown. Growing with #10205, Oe. scapoidea, but evidently distinct, the plants averaging much more robust, as well as having larger flowers. No intermediates seen.
Oenothera eastwoodiae
(Munz) Raven :

2.VI

Large, Oenothera (G) √

10297 - May 28, 1965

Kane Co., Utah Talus slopes under sandstone cliffs overlooking Cottonwood Wash from the west, in the desert 33 miles south of Cannonville. T 42 S., R 1 W., S. 16. Elevation about 4700 ft. Flowers blue - lavender

Phacelia crenulata Torr., Sens. lat.

Phacelia (1) ✓ v

16208 – May 28, 1965
Kane Co., Utah. Ledges and crevices in east-facing sandstone cliffs along Cottonwood Wash, in the desert 33 miles south of Cannonville, Twp. 41S, R 1W., S. 16. Elevation about 4800 feet. Plants shrubby at the base. Rays 16-33, pale lavender, almost white.

Machaeranthera tortifolia (T. & G.) Cronq. & keck var. imberbis Cronq.

Thelesperma (9) ✓ ✓

10209 - May 28, 1965.
Lesquerella 10207.
Plants sprawling.
Flowers yellow

Lesquerella rectipes
Woot. & Standl.

Lesquerella (5) V.

10210. May 28, 1965
Same place as 10207.
Corolla limb white
the tonnicles yellow.
Nutlets smooth and
glossy.

Cryptantha confertiflora
(Greene) Payson

Cryptantha (1) ✓

10211 May 28, 1965
Same place as 10207.
Flowers bright yellow.

Lotus longebracteatus
Rydb.

lotus (5) V.

1012 - May 28, 1965

Kane Co., Utah. Shaly clay slopes overlooking the Paria River, in open piñon-juniper woodland 4 miles south of Cannonville. Twp. 38 S., R. 2 W., S. 7

Elevation about 5100 feet

Corolla limb white, the fornices yellow.

Cryptantha fulvocanescens (Gray) Payson

(C. echinoides)

Shaly clay Cryptantha

9

1025 - May 28. 1965

Kane Co., Utah, Sandy slopes and washes in open pinon - juniper woodland overlooking the Paria River, 4 miles south of Cannonville. Twp. 38 S., R. 2 W., S. 7 Elevation about 5100 feet.

Cryptantha jamesii (Torr.) Payson

var. cinerea (Greene) Payson

and

Cryptantha watsonii (Torr.) Payson (12)

10214 – May 28, 1965

Kane Co., Utah. Rather barren clay slopes in open piñon-juniper woodland overlooking the Paria River, 4 miles south of Cannonville, Twp. 38 S., R. 2 W., S. 7. Elevation about 5100 feet. Stems clustered on a stout taproot. Flowers white or ochroleucous with a faint lavender cast.

Astragalus lonchocarpus T. & G.
det. R. C. Barneby

(6) ✓

10215 - May 28, 1965
Same place as 10214.
Stems clustered on a
stout taproot. Flowers
lavender

Astragalus wardii Gray
det. R. C. Barneby

Arnold Arboretum (10) ✓ ✓

10216 - May 28, 1965
Kane Co., Utah. Gravelly slopes in open pinon-juniper woodland overlooking the Paria River, 4 miles south of Cannonville. Twp. 38 S., R. 2 W., S. 7. Elevation about 5100 feet. Plants in small tufts, with few or solitary flowering stems. Heads yellow, the rays (7) 8-13.

Hymenoxys acaulis (Pursh) Parker var. arizonica (Greene) Parker

(5) ✓

91.6 at Pine

94.0 at Cannonville

5700 ft³ [illegible]

[illegible]?

931.8 - Letaglein
936.5 collecting
962.5 Beaver County -
3106.7 Cedar
3152.0 Altamont. A136
55.9 Altam
76.4
81.0 at Sandhof 41S, 5W, 36
56 w/feet
38 mile post 235.4 at
Colmar Norton & Belgshein
44.7 Paris R.
46.2 jct. 47 mile Kan-t Cam
56.35 at collecting
60.0 Ler Perry
61.5 - collecting
85.7 Crypt 90.0 - mine